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Model #: SR42UBZ4

42U SmartRack Premium Seismic Rated Enclosure (includes doors and side panels)



Highlights

- Tested to NEBS Seismic Zone 4 requirements
- 42U SmartRack enclosure with doors and side panels
- 4 interior vertical posts with unthreaded square hole mounting
- Standard 24" width for optimizing floor space
- Ships fully assembled
- Massive front to rear ventilation capacity
- Locking, removable side panels keyed alike with doors
- Includes 50 pieces of M6 cage nuts and 50 pieces of M6 screws (equipment mounting hardware)
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance

Description

SR42UBZ has been designed and tested to meet Telcordia GR-63-CORE Network Equipment & Building Systems (NEBS) requirements for Zone 4 Seismic Earthquake Environments. It is designed for secure, high density server and networking applications in IT environments that are earthquake prone or subject to regular vibration, such as an airport or factory. Designed with provisions to integrate cooling, power distribution and cable management, SmartRack enclosures make ideal homes for mission-critical equipment. Vendor-neutral square hole/cage nut mounting for guaranteed compatibility with all EIA-310-E compliant 19" equipment. Enclosures ship fully assembled for rapid deployment. Toolless mounting slots allow quick installation of PDUs and vertical cable managers. Adjustable mounting rails include an easy-view depth index to eliminate time-consuming measurements. Lightweight modular doors and side panels provide safe, convenient service access. Integrated baying tabs facilitate combining enclosures in rows from standard data center baying applications. SmartRack enclosures support cooling, cable management, power distribution and monitoring features that keep critical servers and network equipment operating nonstop. Perforated doors permit massive front to rear airflow that exceeds servers manufacturer requirements. Enclosures are fully compatible with hot-aisle / cold-aisle data center configurations.

Applications

Ideal for facilities located in earthquake-prone seismic zones or any environment prone to extreme vibration such as factories, power stations, construction areas, shipping facilities, warehouses, processing plants, railroads, airports and military installations.

Package Includes

- SR42UBZ4 Rack Enclosure
- (4) Side panels
- (4) Side panel locks
- (50) M6 screws
- (50) M6 cage nuts
- (50) M6 washers
- (2) Door & side panel keys
- Owner's Manual

Features

- Ships fully assembled for rapid deployment
- Front and rear sets of equipment mounting rails adjust in 1/4" increments. Adjustment is quick and convenient. The easy-view depth index ensures consistent rail placement without requiring time-consuming measurements.
- Toolless accessory mounting rails (2 rails per enclosure) include slots for quick installation of compatible PDUs and vertical cable managers. Mounting slots are arranged in an industry-standard pattern compatible with a wide variety of accessories. Each rail can accommodate two vertical PDUs or cable managers side-by-side (four items per enclosure).
- Enclosure includes mounting hardware of 50 pieces of M6 cage nuts and 50 pieces of M6 screws.

- Textured powder coat finish for tough resistance to environmental concerns such as deployment in warehouses.
- Massive front to rear ventilation capacity. 65+% open space in door perforation pattern meets or exceeds server manufacturer requirements.
- Maximum usable internal depth of 37 inches/94 cm (front to rear rail).
- Front door is locking, reversible and removable.
- Rear doors are locking and reversible. Split rear door design reduces clearance requirements for service entry allowing the enclosure to be placed closer to a wall.
- Locking removable side panels are 'half size' to make them smaller and lighter improving ease of installation and servicing. Two side panels per side (4 panels total). Side panels are keyed alike to the front and rear doors.
- Built in baying tabs allow enclosures to be combined securely in rows. Center-to-center width can be set at 600mm or 24" to match standard data center floor tiles.
- Convenient grounding system. All components are grounded to the enclosure frame which includes multiple connections for facility ground. Front and rear doors include quick-release ground wires.
- Open bottom for cable access.
- Top panel has generous cable access holes. Panel can be removed toollessly in seconds without having to disconnect cables first.
- Designed and tested to meet Telcordia GR-63-CORE Network Equipment & Building Systems (NEBS) requirements for Zone 4 Seismic Earthquake Environments.
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance
- Compatibility with airflow optimization accessories as well as cable management accessories.

Specifications

PHYSICAL	
Installed whole system maximum rack depth (inches)	37
Installed whole system maximum rack depth (cm)	93.98
Installed whole system minimum rack depth (inches)	4
Installed whole system minimum rack depth (cm)	10.16
Rack Height	42U
Shipping Dimensions (HWD/in)	85 x 26 x 45
Shipping Dimensions (HWD/cm)	216 x 66 x 114.3
Shipping weight (lbs)	395
Shipping weight (kg)	179
Unit Dimensions (in.)	EXTERNAL DIMENSIONS: 78.5 x 23.63 x 43 (HWD)
Unit weight (lbs)	353
Unit weight (kg)	160
Unit Dimensions (cm)	EXTERNAL DIMENSIONS: 199 x 60 x 109 (HWD)
Color	Black
Style	Floor Standing
Units per Pallet	1
SPECIAL FEATURES	
Grounding lug	Front and Back door frames
CERTIFICATIONS	

Certifications	EIA-310-E, Seismic Zone 4 (NEBS GR-63-CORE)
NOM (Mexico)	Tested to NOM (Mexico)
Approvals	UL60950; RoHS
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
B020-U08-19-IP	Console KVM Switch - 8-Port NetDirector 1U Rackmount Console IP KVM Switch w/19" LCD	1
B021-000-17	Rackmount Console - 1U Rackmount Console with 17" LCD	1
B021-000-19	Rackmount Console - 1U Rackmount Console with 19" LCD	1
B040-008-19	NetController 19" VGA Console KVM Switch - 8 Port	1
B040-016-19	NetController 19" VGA Console KVM Switch - 16 Port	1
N252-012	12-Port Cat6 Patch Panel 568B, 1U	1
N252-024	24-Port Cat6 Patch Panel 568B, 1U	1
N252-048	48-Port Cat6 Patch Panel 568B	1
SRBOLTDOWN	Bolt-Down Kit (Secures included stabilizing brackets or optional stabilizing plates to facility floor.)	1
SRCABLEDUCTVRT	6-ft. (1.8 m) Vertical Cable Manager (Double finger duct with cover; toolless mounting.)	1
SRCABLEDUCT1U	1U Horizontal Cable Manager (Finger duct with cover.)	1
SRCABLERINGVRT	6-ft. (1.8 m) Vertical Cable Manager (Flexible ring type; toolless mounting.)	1
SRCABLERING1U	1U Horizontal Cable Manager (Flexible ring type.)	1
SRCABLERING2U	2U Horizontal Cable Manager (Flexible ring type.)	1
SRCABLETRAY	Roof-Mounted Cable Trough (Provides cable routing and power/data cable segregation.)	1
SRCAGENUITS	Square Hole Hardware Kit (Includes 50 M6 screws and washers.)	1
SRCOMBO	Door Handles with Combination Lock (2-pack for front and rear doors; includes bypass key.)	1
SRFAN3U	3U Fan Panel, 120V (3 high-performance fans; 210 CFM; 5-15P plug.)	1
SRSHELF2P	2U Cantilever Fixed Shelf (60 lb / 27 kg capacity; 18-in. / 457 mm depth.)	1
SRSHELF4PHD	Heavy-Duty Fixed Shelf (250 lb / 113 kg capacity; 26 in / 660 mm depth.)	1
SRSHELF4PKYBD	Keyboard Shelf (25 lb / 11 kg capacity; 16-in. / 406 mm depth.)	1
SRSHELF4PSL	Standard Sliding Shelf (50lb / 23 kg capacity; 28 1/4 in/ 660 mm depth.)	1
SRSHELF4PSLHD	Heavy-Duty Sliding Shelf (200 lb / 91 kg capacity; 26 in / 660 mm depth.)	1
SRSTABILIZE	Anti-Tip Stabilizing Plate Kit (Provides extra stability for standalone enclosures.)	1
SRSWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	1
SRXFAN3U	3U Fan Panel, 230V (3 high-performance fans; 210 CFM; C14 inlet.)	1
SR1UPANEL10	1U Blanking Panel Kit (10 pieces; toolless mounting.)	1

UPSHDEARKIT	Heavy-Duty Mounting Ear Kit - Supports 2U cabinets up to 65 lb / 29 kg from front vertical rails in 4-post or 2-post racks and enclosures.)	1
SRVRTBAR	Vertical Cable Management Bars	1
SRFANROOF	Roof-Mounted Fan Panel, 120V (6 high-performance fans; 630 CFM; 5-15P plug; toolless mounting)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4944.

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